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August 22, 2014

Ms. Jessica Murphy  
Tennessee Department of Environment and Conservation  
Division of Water Resources  
William R. Snodgrass – Tennessee Tower  
312 Rosa L. Parks Avenue, 11<sup>th</sup> Floor  
Nashville, Tennessee 37243-1534

TN DEPT OF ENVIRONMENT  
AND CONSERVATION  
AUG 25 2014  
DIV OF WATER RESOURCES  
RECEIVED

**Subject: Response to Notice of Violation and Corrective Action Plan**  
Bruceton Wastewater Treatment Lagoon NPDES  
Permit No. TN0062014  
Bruceton Industrial Pretreatment Program

Dear Ms. Murphy:

The Town of Bruceton is in receipt of the Notice of Violation (NOV) dated August 8, 2014 issued by your office regarding violations of the requirements of the NPDES Permit for the Bruceton Wastewater Treatment Lagoon (Lagoon), including effluent limitation violations and Pretreatment Program violations. We respectfully submit as required by the NOV the explanation of the cause of the violations and the Corrective Action Plan.

The cause of the biochemical oxygen demand (BOD) and dissolved oxygen (DO) effluent limitation violations during March 2014, April 2014 and June 2014 as listed on the violations summary sheet included with the NOV are attributed to the overloading of the Lagoon from the disposal of landfill leachate from one industrial user. The DO effluent limitation violation during August 2013 as listed on the violation summary sheet is attributed to the growth of algae in the Lagoon that typically occurs during the summer months, and is not related to the disposal of landfill leachate as none were occurring at that time. We further note that a review of the March 2014 DMR incorrectly indicates a BOD Daily Maximum Amount of 588 pounds per day (ppd) due to a miscalculation, which is also listed on the violations summary sheet included with the NOV. Based upon the BOD effluent data reported on the March 2014 Monthly Operating Report (MOR), the daily BOD pound per day values ranged from 43 ppd to 97 ppd, which are well below the BOD Daily Maximum Amount effluent limitation of 310 ppd. A revised DMR will be submitted to correct this miscalculation.

It is the Town's opinion that the overloading of the Lagoon resulted from a lack of communication between all parties involved regarding their specific roles and responsibilities. This lack of communication, and the eventual failure by the Town to comply with the requirements of the Lagoon's NPDES permit, was unfortunately not immediately realized. The Town's intent, however, was at no time not to comply with NPDES Permit requirements as evidenced by the Town's initial determination to monitor the Lagoon's treatment capability during the industrial user's 90-day provisional discharge period with weekly ammonia influent, intermediate and effluent testing of the Lagoon. When the Town became aware from this testing, in conjunction with the results

from the required NPDES permit testing, that the Lagoon' treatment capacity was being affected by the discharge, the Town immediately terminated the service of the industrial user.

We respectively submit the following Corrective Action Plan for your consideration.

1. The Town has been working diligently to resolve the noted effluent limitation violations. As noted by the MORs submitted by the Town, there have not been any DO effluent limitation violations since April 1, 2014 and the July 2014 MOR indicates no BOD effluent limitation violations. In order to ensure continued compliance with NPDES permit effluent limitations, the Town does not intend to accept landfill leachate during the upcoming winter months when BOD and ammonia-reducing bacteria, and ultimately treatment efficiency, can be affected by cold weather temperatures.
2. With regard to the Town's failure to follow the Town's Enforcement Response Plan, the lack of communication between all parties involved regarding their respective roles and responsibilities is attributed to this failure. Due to the recent establishment of the Town's Industrial Pretreatment Program, there was a lack of communication regarding each party's responsibilities with regard to day-to-day tasks during the initial learning curve period. Before the Town begins accepting discharge from any other significant industrial users, the roles and responsibilities of all parties involved will be addressed in detail in order to prevent any future violations.

If you have any questions or require any additional information, please contact either Ms. Angelia Howard with Tegrat Engineering, P.C. at 731-613-2034 or Mr. Brian Edwards, Pretreatment Coordinator, with the Town of Bruceton at 731-586-2401.

Sincerely,  
**Town of Bruceton**

Handwritten signature of Robert N. Scott in cursive script.

Robert N. Scott  
Mayor

RNS/arh

Copy: Ariel Wessel-Fuss (TDEC)  
Dan Hatch (TDEC, J-EFO)  
Angelia Howard (Tegrat Engineering)  
Bruceton Pretreatment File